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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A preload shock absorber assembly comprising:
a shock absorber having a hydraulic cylinder; and
first, second and third springs arranged outside of said hydraulic cylinder, said first spring
~~having providing~~ a compressible fluid providing a first spring rate, said second spring arranged
spaced axially from said first spring, and said third spring arranged at least partially coaxially to
said first spring, ~~said second and third springs having an unequal spring rate relative to each~~
~~other.~~
2. (Currently Amended) The assembly according to claim 1, wherein said shock absorber
includes a cylinder head at one end of said hydraulic cylinder slideably supporting a rod with a
seal between said rod and said cylinder head, and a cavity adjacent to said seal and radially
inward of said first spring, said cavity ~~being~~ at approximately atmospheric pressure in a static
condition.
3. (Currently Amended) The assembly according to claim 2, wherein said first spring is
arranged radially outward of said hydraulic cylinder ~~and is provided by pressurized air at a~~
~~greater pressure than said atmospheric pressure.~~

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4. (Currently Amended) The assembly according to claim 1, wherein said first spring is provided by walls forming a pressurized[[.]] sealed air chamber, and said third spring is arranged in said pressurized sealed air chamber.
5. (Currently Amended) The assembly according to claim 4, wherein an axially movable separator provides one of said walls, said axially movable separator arranged axially between said first and second springs.
6. (Currently Amended) The assembly according to claim 5, wherein said second spring is supported between said axially movable separator and a seat secured to said hydraulic cylinder.
7. (Currently Amended) The assembly according to claim 4, wherein said pressurized sealed air chamber is arranged radially outwardly from a rod seal slidably supporting a rod of said hydraulic cylinder.
8. (Currently Amended) A preload shock absorber assembly comprising:
a shock absorber having a hydraulic cylinder with a seat secured to an outer wall of said hydraulic cylinder, and a rod partially arranged within said hydraulic cylinder, said rod movable relative to said seal;
a preload air chamber having a pressurized compressible fluid, with said preload air chamber arranged radially outwardly of said outer wall of said hydraulic cylinder; and
a second first spring arranged between said preload air chamber and said seat.

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9. (Currently Amended) The assembly according to claim 8, wherein a ~~third~~-second spring is arranged within said ~~preload~~ air chamber.

10. (Currently Amended) The assembly according to claim 9, wherein said ~~preload~~ air chamber includes an axially movable separator, and said pressurized air-compressible fluid and said ~~third~~-second spring exerting exert a preload on said ~~second~~-first spring.

11. (Currently Amended) A preload shock absorber assembly comprising:

a shock absorber having a hydraulic cylinder with an outer wall, and a rod arranged interiorly of said outer wall and sealed relative to a cylinder head by a rod seal, said rod seal exposed to atmospheric pressure on a side;

an air chamber providing a first spring rate arranged radially outwardly from said outer wall said air chamber pressurized above said atmospheric pressure on said side; and

a first mechanical spring arranged within said air chamber providing a second spring rate supplementing said first spring rate.

12. (Currently Amended) The assembly according to claim 11, wherein a seat is secured to said outer wall, and a second mechanical spring is arranged between said seat and said air chamber.

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13. (Currently Amended) The assembly according to claim 11, wherein said air chamber includes an axially movable separator arranged between said first and second mechanical springs, and said second spring with said first spring rate and said second spring rate exerting a force on said second mechanical spring.